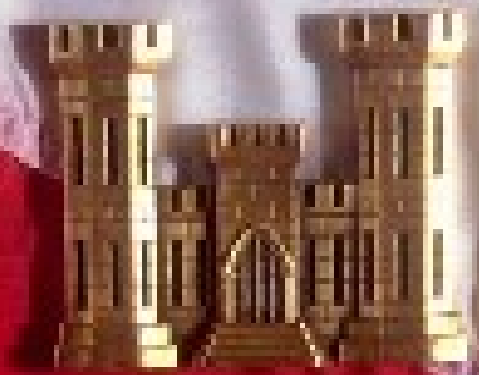
Mississippi River Commission

High Water Inspection

Baton Rouge, Louisiana



by

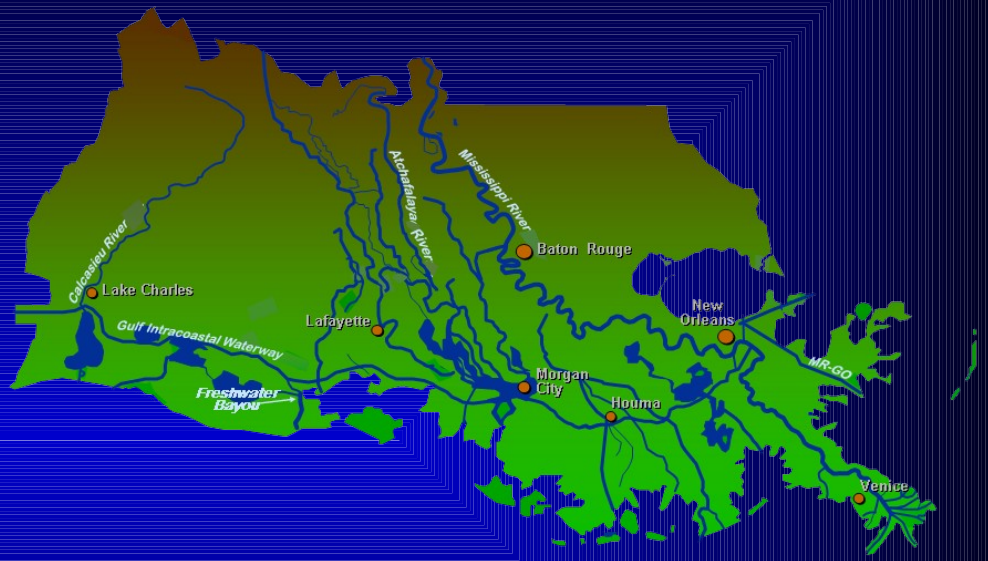
Colonel Rich Wagenaar
Commander, New Orleans District

April 20, 2007

US Army Corps of Engineers®

New Orleans District

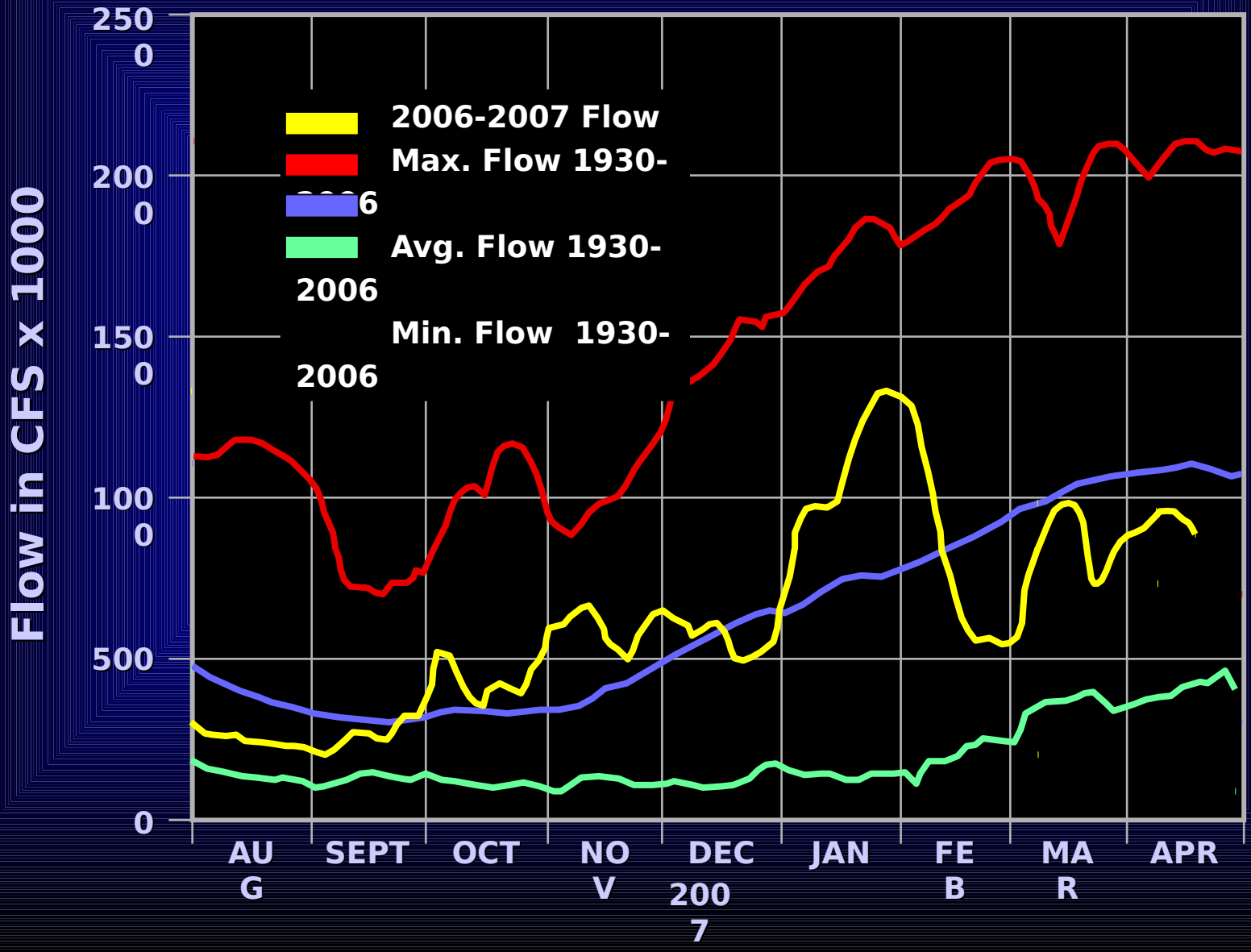
MISSISSIPPI RIVER COMMISSION
CORPS OF ENGINEERS



- ★ 2,800 miles of navigable channel
- 14,500 miles of coastline
- 973 MR&T miles of levees
- ★ 325 miles of hurricane levees
- 18 locks and control structures
- 15 pumping plants
- 13 recreation areas

One Team: Relevant, Ready, Responsive and Reliable

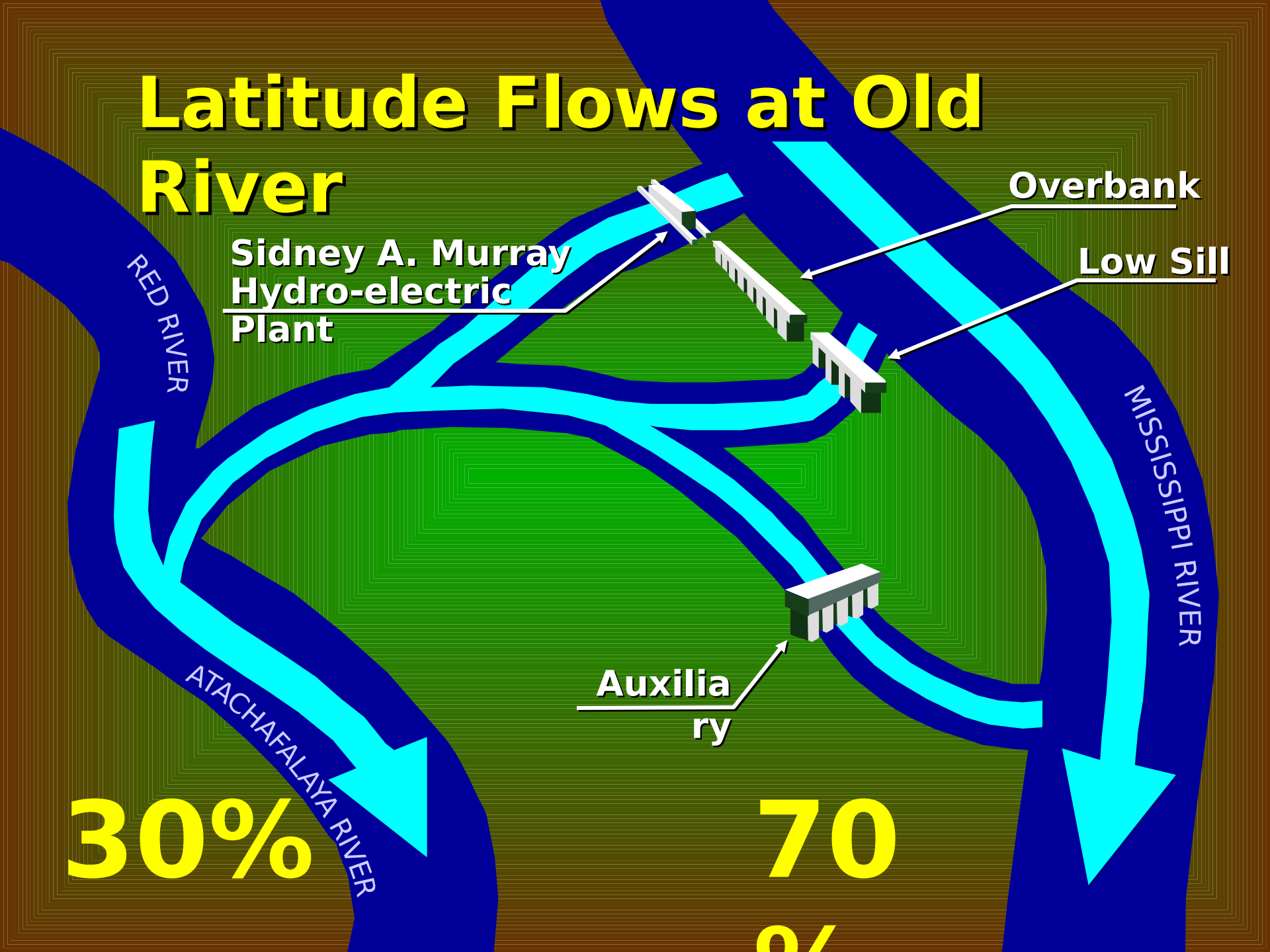
Total Latitude Flows at Old River



January 2007 Crest Stages

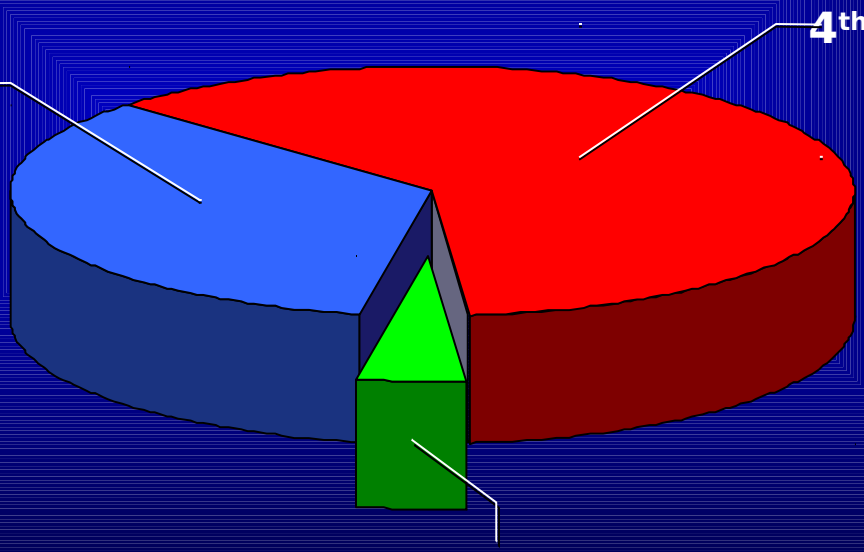
	Jan 28 07 (last crest)	1935-2006 Max.	1935-2006 Avg.
★ Red River Landing	48.6	55.3	31.1
Baton Rouge	32.4	39.0	18.9
New Orleans	12.9	18.3	7.1
Simmesport	32.6	46.3	22.8
Morgan City	5.6	6.8	1.9

Latitude Flows at Old River



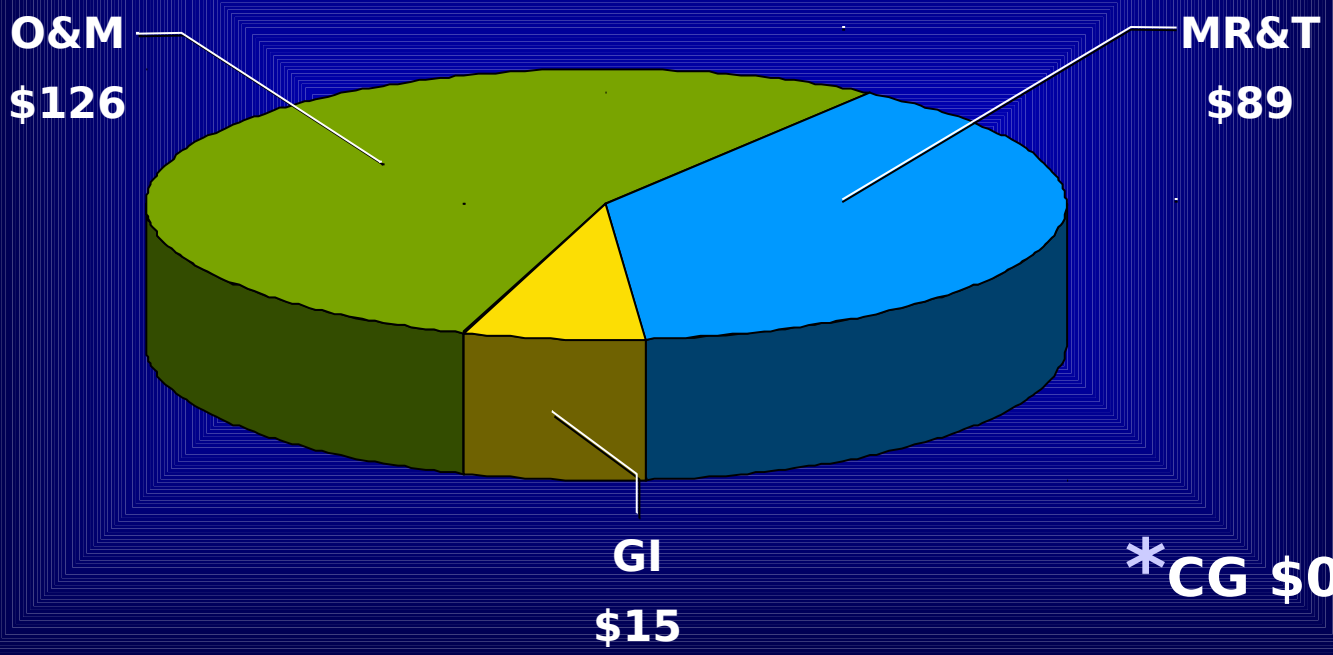
New Orleans District
FY 2007 Program
(with Supplemental Funding – Post Katrina)

$5.7 Billion



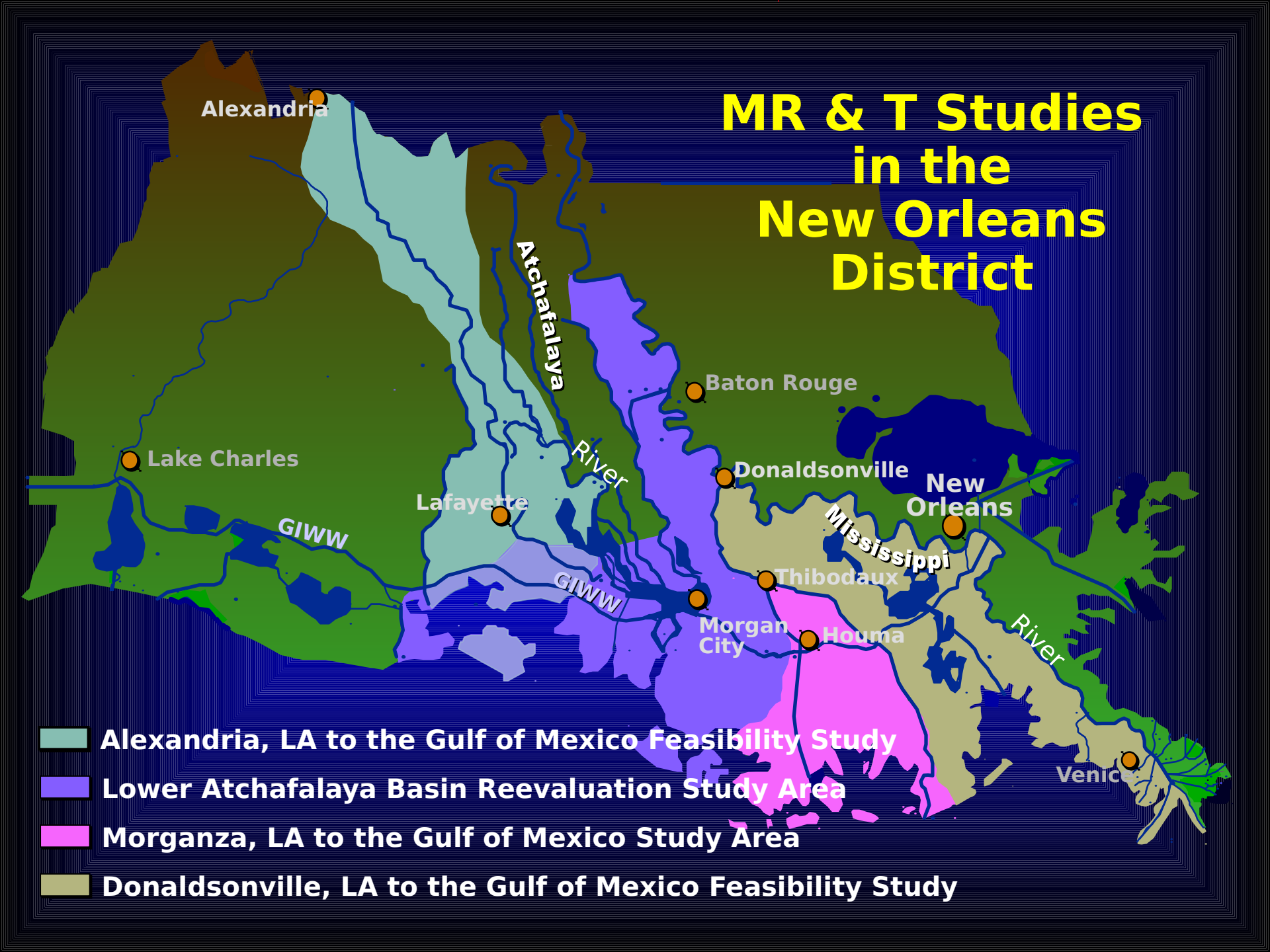
New Orleans District
FY 2008 President's Budget*

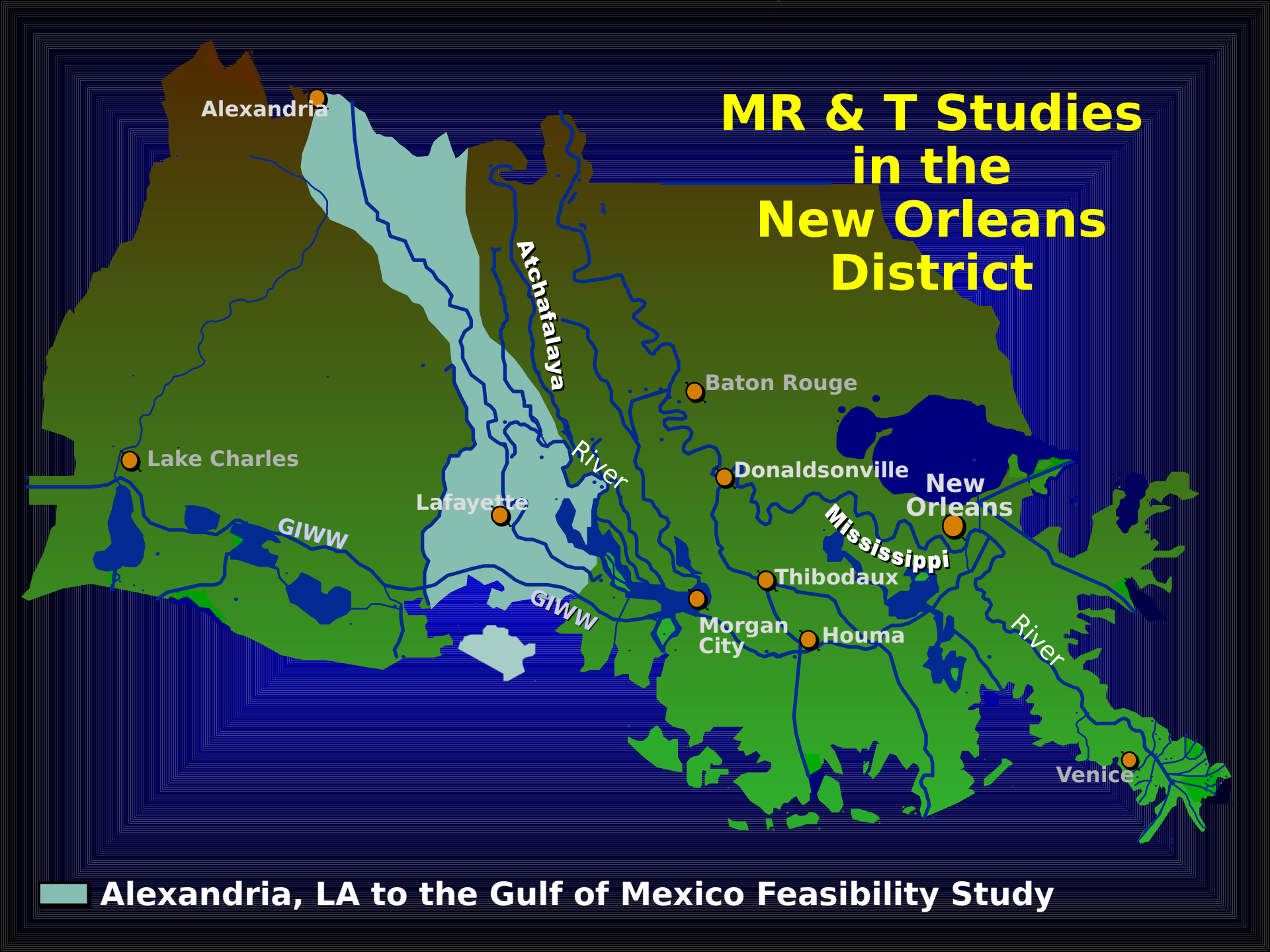
($ Millions)



*CG $0

Total $230 million


MR & T Studies in the New Orleans District
Alexandria
Atchafalaya River
Baton Rouge
Lake Charles
Lafayette
GIWW
GIWW
Donaldsonville
New Orleans
Mississippi River
Thibodaux
Morgan City
Houma
Venice
Alexandria, LA to the Gulf of Mexico Feasibility Study
Lower Atchafalaya Basin Reevaluation Study Area
Morganza, LA to the Gulf of Mexico Study Area
Donaldsonville, LA to the Gulf of Mexico Feasibility Study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Atchafalaya River
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Mississippi River
Thibodaux
GIWW
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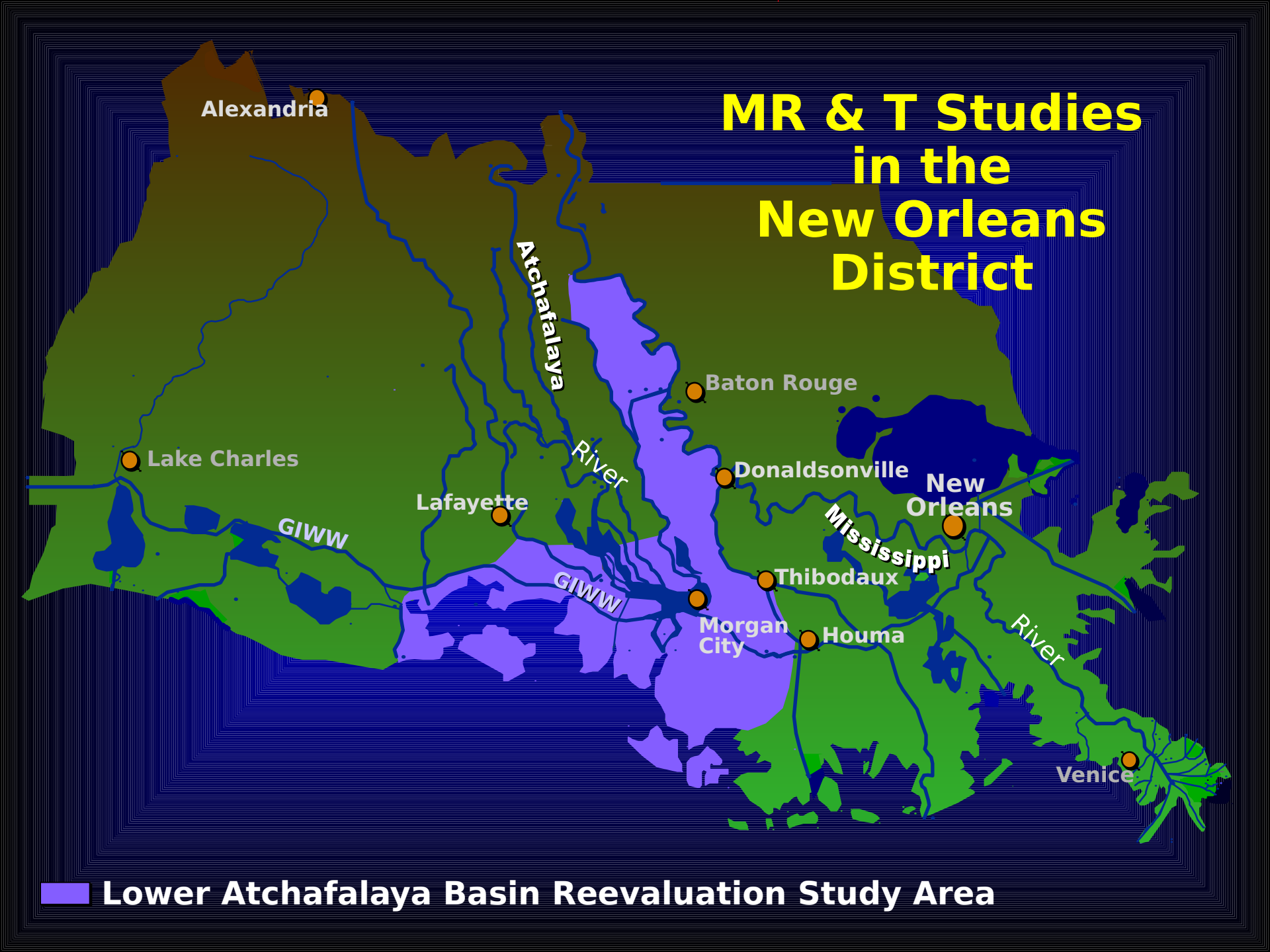
Houma
Venice
Alexandria, LA to the Gulf of Mexico Feasibility Study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Atchafalaya River
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Lake Charles
Donaldsonville
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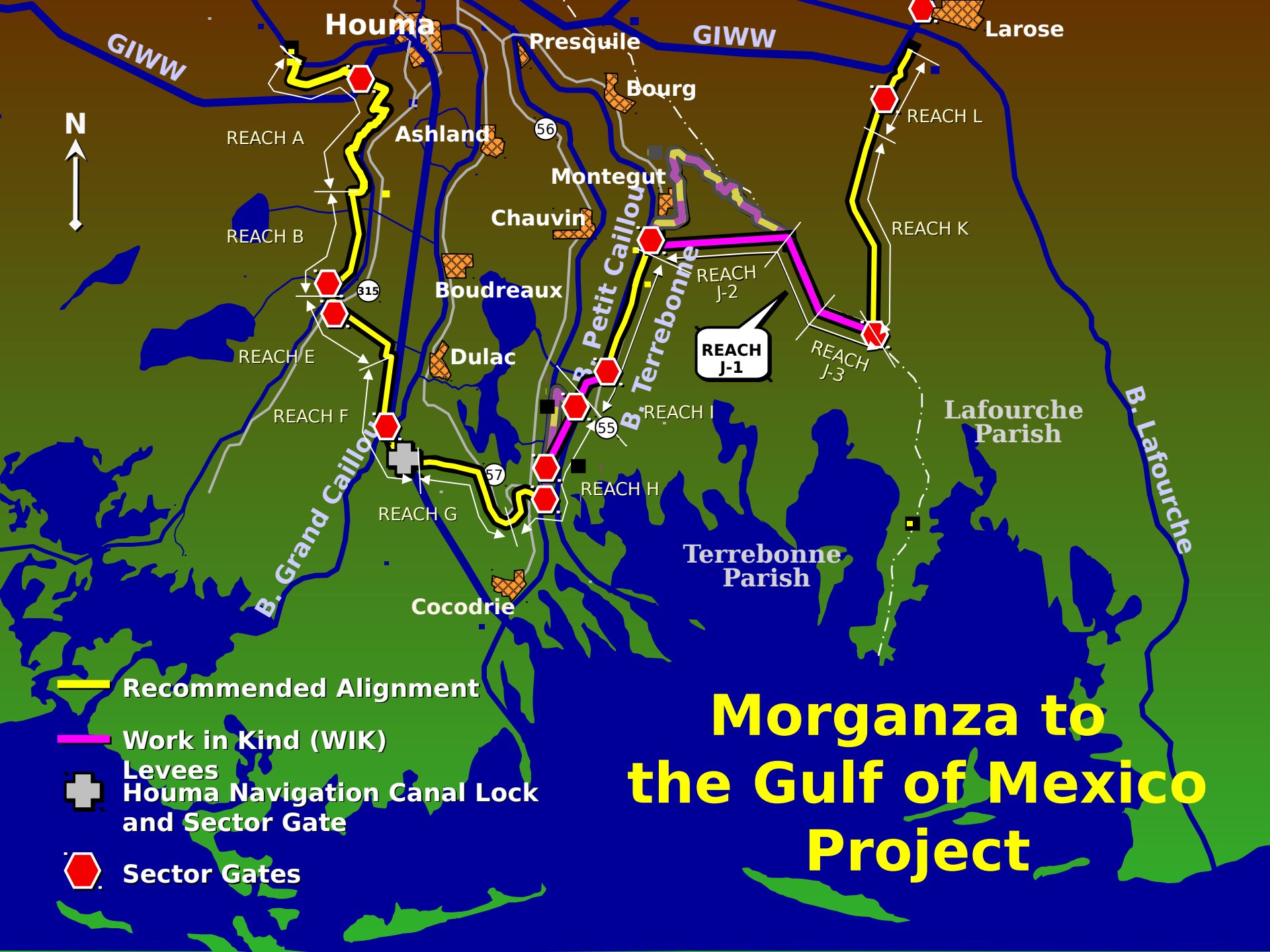
GIWW
Mississippi River
GIWW
Thibodaux
Morgan City
Houma
Venice
Lower Atchafalaya Basin Reevaluation Study Area

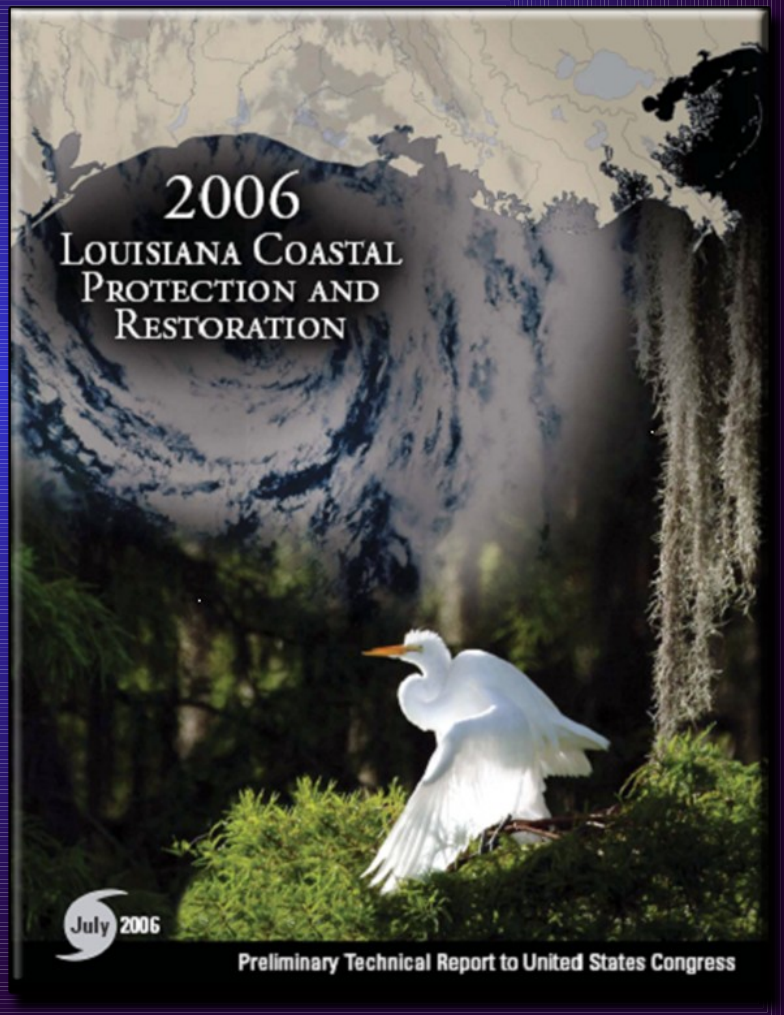

Houma
GIWW
Presquile
GIWW
Larose
Bourg
N
REACH A
Ashland
56
REACH L
Montegut
Chauvin
REACH B
REACH K
B. Petit Caillou
B. Terrebonne
REACH J-2
Boudreaux
615
REACH J-1
REACH J-3
REACH E
Dulac
REACH F
REACH I
55
Lafourche Parish
B. Lafourche
B. Grand Caillou
57
REACH H
REACH G
Terrebonne Parish
Cocodrie
Recommended Alignment
Work in Kind (WIK) Levees
Houma Navigation Canal Lock and Sector Gate
Sector Gates
Morganza to the Gulf of Mexico Project

Donaldsonville, LA to the Gulf of Mexico
Possible Hurricane Levee Alignments
Donaldsonville
Laplace
West Bank & Vicinity
Hurricane Protection
MISSISSIPPI
RIVER
St. John
Parish
Metairie
St. James
Parish
Lac Des
Allemands
Luling
Jefferson
Parish
Des Allemands
Lake
Cataoua
tche
Thibodaux
Lafourche
Parish
St. Charles
Parish
BAYOU
LAFOURCHE
Lake
Salvado
r
Houma
Larose
Larose to
Golden Meadow
Hurricane Protection
GIW
W
Terrebonne
Parish
Bayou Lafourche
Hwy 90
Pipeline Canal
GIWW
Existing Hurricane
Protection Levee

US Army Corps of Engineers®

Preliminary Technical Report LaCPR Milestones

- **April** – Corps releases a Plan Formulation Atlas, detailing all alternatives under consideration
- **May** – alternative components and potential inundation maps to be released to public
- **July** – stakeholder meetings, review of initial alternatives evaluation, determine criticality of coastal features based on modeling
- **August** – non-structural plan review and local endorsement
- **November** – release of draft for public review, public meetings
- **December 30, 2007** – release of LaCPR Report to Congress



Mississippi River Levees
(Miles)

Completed	496
Under Construction	0.2
Remaining	16
Total	512

Hohen Solms-Modeste levee

Inspection of Completed Works (ICW) Initiatives

- ★ Hurricane protection levee / floodwall assessments - completed
- ★ MR&T levee / floodwall assessments - currently underway
- Surveys of Mississippi River & Atchafalaya Basin levees completed and data currently being processed
- National Levee Database (NLD) being developed for future implementation
- Data collection and analysis underway for certification of all federal levees and floodwalls

Davis Pond Freshwater Diversion

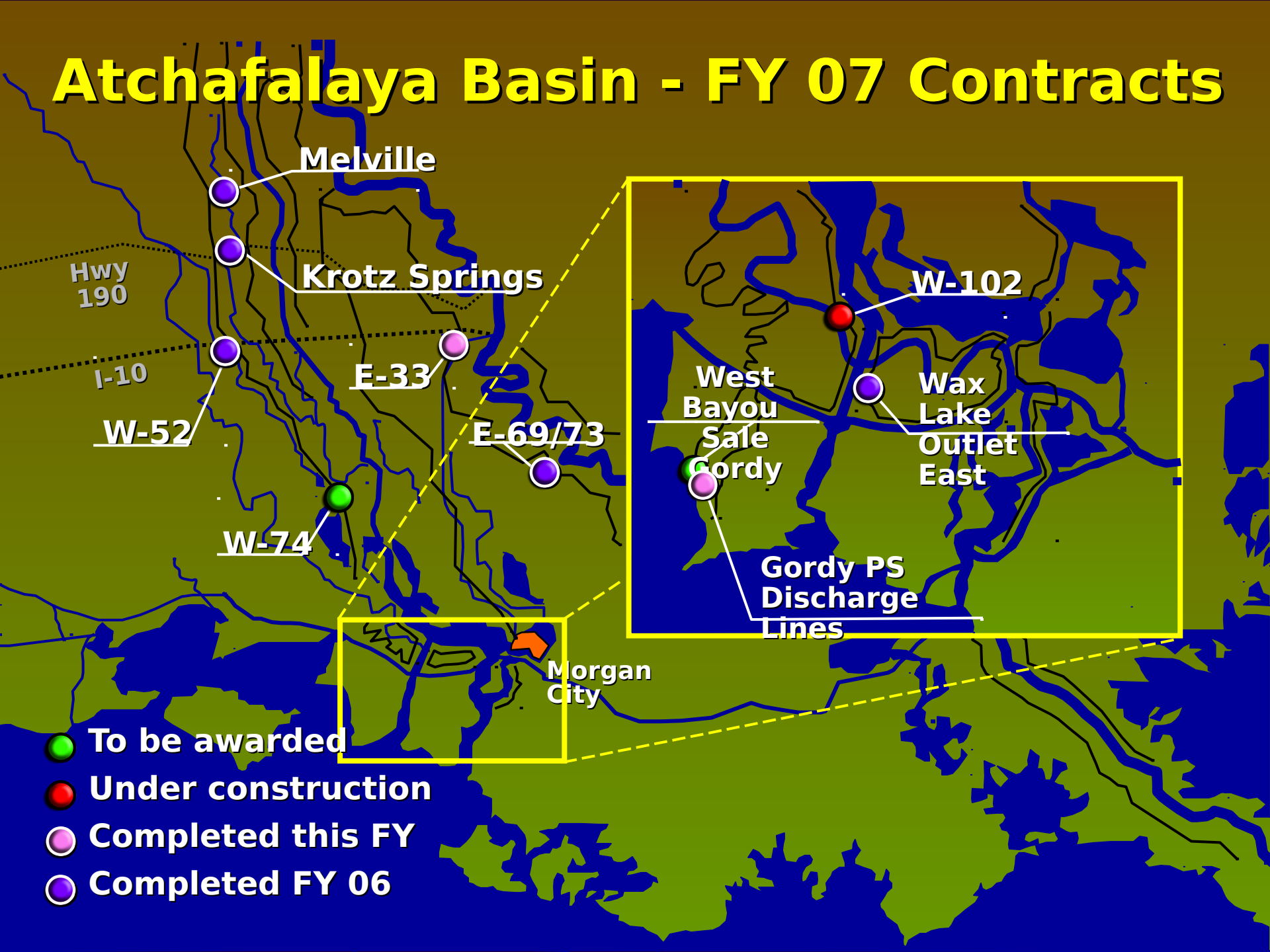
- ★ **Channel lengthening / widening**
  - **Completed FY 06**
- **West guide levee lift**
  - **In progress**
- **Davis Pond modeling**
  - **To be issued**

Atchafalaya Basin Levees (Miles)

Completed	416
Under Construction	3
Scheduled for rest of FY 07	6
Remaining	24
Total	449

W-40

Atchafalaya Basin - FY 07 Contracts



Authorized Management Units
★ Buffalo Cove
Beau Bayou
Cocodrie Swamp
Flat Lake
Henderson

Brownell Memorial Park

Wildlife Management Area

Fishing Pier

Atchafalaya Basin

HWY. 70

Picnic and Beach Area

Joe Russo Boat Launch

Boat Launch

Lakefront Open Space
-football
-picnic
-viewing area for races

Peninsula Park with Boat Slips and Picnic Pavilion

RV Parking

Existing Lake End Park

Marina

Lake Palourde

North

400 800

Revised Master Plan

US Army Corps of Engineers
New Orleans District

Lake End Park and Linear Parkway

PEREZ/ Reich Associates

April 2002

Future Boat Landings and Improvements

- ★ Millet Point in St. Mary Parish
- Bayou Pigeon in Iberville Parish
- Bayou Sorrell in Iberville Parish
- Krotz Springs in St. Landry
- Butte LaRose in St. Martin Parish

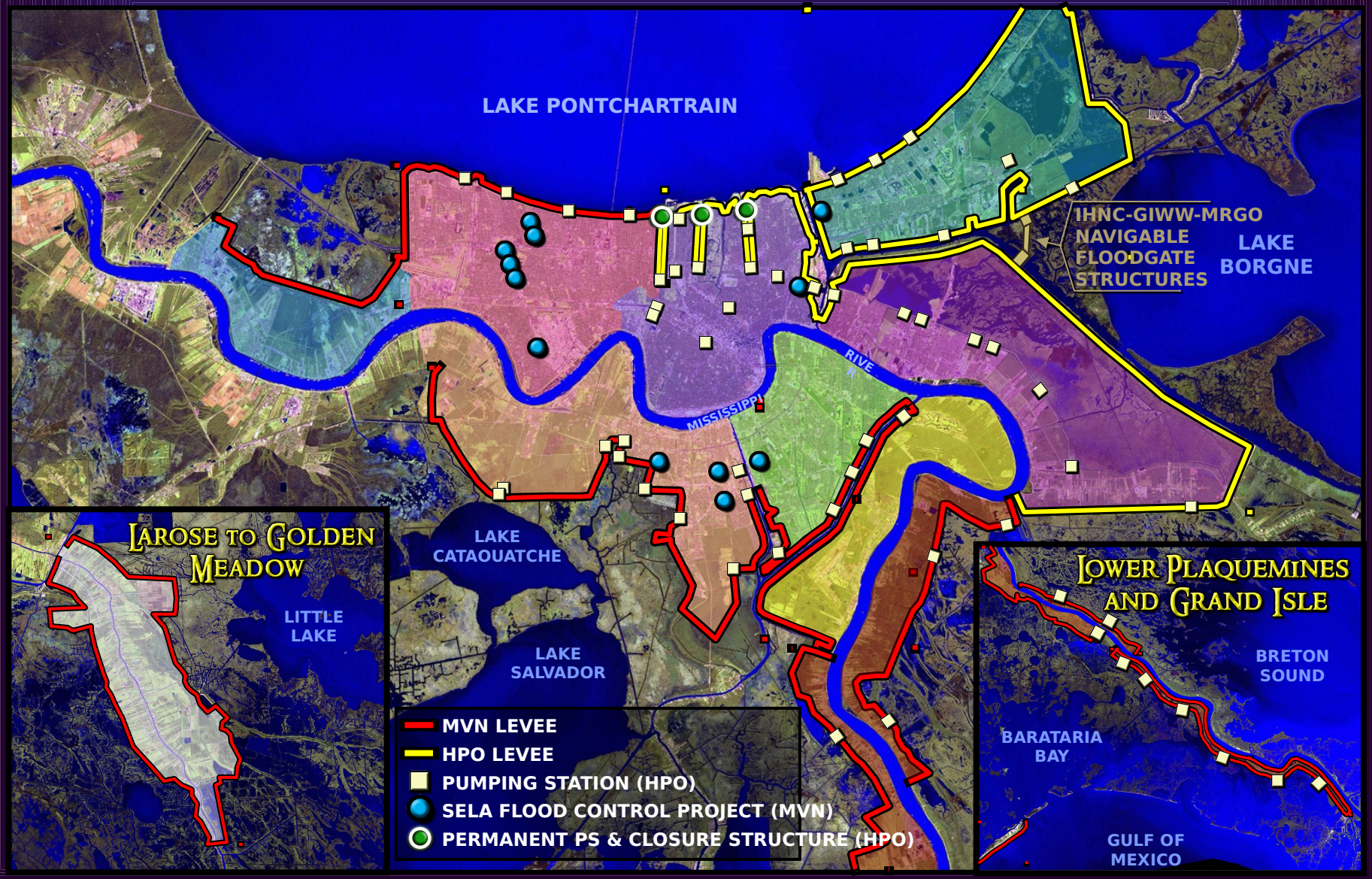
Channel Improvement
(Miles)

Authorized	381
Completed	362
Total Remaining	19

Atchafalaya Basin Bank Stabilization (Miles)

Completed	57.6
Under Construction	0
Scheduled this Year	.4
Remaining	4.0
Total	62.0

HPS Ongoing & Future Projects



Mississippi River Gulf Outlet (MRGO)

IHNC Lock

Postcards from Iraq

Iraqi Children, Teachers Receive School Supplies

by Edmay Mayers
New Orleans District

School supplies are needed in Iraq and the generous people in the U.S.A. have kindly mailed boxes upon boxes to the U.S. Army Corps of Engineers, Gulf Region South District, to distribute to the schools in all the southern provinces like Nasiriyah, Diwaniyah and Basrah or wherever we can hand them out.

Many thanks go out to Mr. Michael Scarano, Scout Troop Leader of Troop 310, Brooklyn, New York – they packed up numerous boxes of clothes and school supplies for the Iraqi teachers and children. Their project was a complete success and they have made many people in Iraq very happy.

Edmay Mayers, a program analyst with the GRS, packing up school bags to the Iraqi children. *(USACE PHTO BY MOHAMMED ALIWI)*

My heart-felt thanks also go to our Security Teams who so bravely and diligently deliver the items to the schools on our behalf. Thank you also for the pictures you always return with for our pleasure.

There is so much to do for the people of Iraq and I am very thankful and blessed that I have the opportunity to be a small part of this mission. Essayons!

Left: Edmay is enjoying life and taking advantage of the uniqueness of Iraq. *(USACE PHOTO BY BERNICE CHAVEZ)*

Edmay is happy at work. *(USACE PHOTO BY MOHAMMED ALIWI)*

US Army Corps
of Engineers®

RELEVANT
READY
RESPONSIVE
RELIABLE
REBUILDING

Proudly serving the
Armed Forces and the Nation
now and in the Future

BATON ROUGE

New Orleans District
New Orleans District Boundary
Gulf Intracoastal Waterway
Mississippi River and Tributaries Levee
Hurricane Protection Levee
Bank Protection
Deep Draft Waterway
Beneficial Use of Dredged Material
Acquisitions
Freshwater Diversion Structure
Saltwater Barrier
Lock
Control Structure
Pumping Station
BATON ROUGE
LAKE CHARLES
LAFAYETTE
NEW ORLEANS
MORGAN CITY
HOUMA
VENICE